

DP-190

- 2.7-Second Super G3 Fax Transmission
- High-resolution 19-ppm Network Printer
- Flatbed Network Color Scanner
- Document Management Software
- Digital Copier with 50-Sheet ADF

intelligent



Panasonic ideas for life

The Intelligent Choice For Your Office.

Compact enough to fit anywhere in your office, the DP-190 is the ultimate document solution for your business.

Thanks to its Ethernet connectivity, the DP-190 functions as a high-speed 19-ppm network printer with Duplex and N-in-1 features in addition to a 19-cpm digital copier, while its 50-sheet ADF and color flatbed scanner enables you to convert newspapers, magazines or books into a TIFF, JPEG or PDF file.

As a Super G3 fax or internet fax, up to 1,000*¹ destinations or email addresses can be registered. The Lightweight Directory Access Protocol (LDAP)*² compatibility allows users to easily access the email addresses or fax numbers stored in the mail server.

For security, a built-in User Authentication*³ function prevents unauthorized access for Faxing, Scanning and/or Copying.

From copying and scanning to printing and faxing. Panasonic's DP-190 is an easy way to handle all your document processing demands and to ensure the integrity of your data.

*¹ Optional Hard Disk Drive Unit is required.

*² Requires LDAP server on the network.

*³ Requires Active Directory environment.



The DP-190 can handle all yo

Standard Network Printer

Built-in Network Printing Capability

The DP-190 comes standard with a built-in Ethernet LAN interface, so users can set it up as a network printer that can be used by any PC on the LAN. In addition, the unit's standard USB interface allows direct connection to a dedicated PC.

High-Resolution of 1,200 dpi equivalent x 600 dpi

In addition to standard 600 x 600 dpi print resolution, you can increase print resolution to 1,200 dpi equivalent x 600 dpi (in PCL/PS mode) by adding an optional printer controller. This gives crisp, clean prints with superior legibility and halftone gradations — even with very tiny characters or complex images.

Standard Duplex Printing

For added convenience, the DP-190 comes standard with a duplex printing unit that enables users to easily print on both sides of a sheet of paper. Reduce paper consumption by using duplex printing when printing faxes, copying or when printing from your PC.

Versatile Copying Capability

Digital SkyShot

Panasonic's Digital SkyShot is especially convenient for copying small-sized originals like checks or ID cards. Users can even reproduce documents with unusual shapes — round, oval, etc. — without generating any unnecessary black areas simply by making a copy with the platen cover open.

Double Exposure for Double Savings

By selecting the Double Exposure key located on the control panel, users can make quality copies of small double-sided documents on a single sheet of paper without the black borders — even if the platen cover is open. This is especially convenient for copying small double-sided originals such as ID and insurance cards, checks, and receipts.

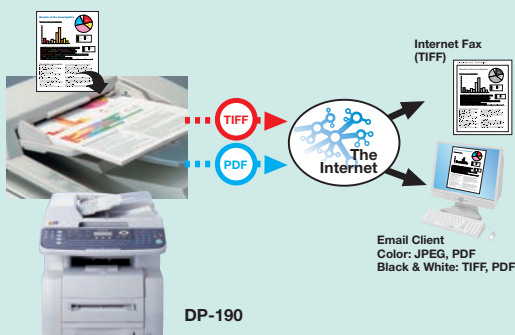


Network Color Scanner



Network Scanner

You can scan and send documents in either color or monochrome to a PC or an FTP server as a PDF, TIFF or JPEG file. The flatbed scanner also allows you to scan a variety of media such as books as well as smaller items like ID and insurance cards.



Document Management System Software

Panasonic Document Management System Software allows efficient document management, flexible editing and convenient sharing at the user's fingertips. Users can manage and edit documents right from their desktop with a simple "drag and drop" operation.



Super G3 Fax and Email



Quick Name Search

Quick Name Search maximizes the auto-dialer's large memory capacity by providing quick, easy access to stored names and numbers. Simply key in the first letter of the recipient's name on the QWERTY keyboard and press it repeatedly to scroll through the listings that appear on the display. When you find the name you're looking for, just select it. It's that simple!



Maximum 1,000-Station Auto-Dialer

For quick dialing, you can store up to 200 phone numbers/email addresses from the QWERTY keyboard or program the Auto-Dialer and import a listing from an existing PC file*5 using the standard Address Book Editor Software. Auto-Dialer capacity can be expanded to a maximum of 1,000 stations with the optional hard disk drive.

*5 CSV/Comma-Delimited text file

ur office demands.

User-Friendly Graphical Interface

The easy-to-install graphical printer driver empowers users with full control of versatile printing functions right from your PC desktop. From the intuitive tabbed interface to on-screen graphic preview of job settings, everything is designed to maximize ease of use, and eliminate errors.



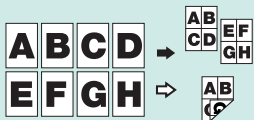
Mailbox Print/ Secure Mailbox Print*4

Security is a topic of concern in today's office environments. Security print for up to 100 users is available. Simply print directly to the Security Print Mailbox*4 and the DP-190 stores the print file until the user retrieves it at the machine by entering a mailbox ID and password. This is especially useful when generating sensitive or confidential documents. Mailbox Print allows print jobs to be stored without a password for convenience.

*4 Optional Hard Disk Drive Unit is required.

N-in-1 Copying/Printing

N-in-1 enables copying of multiple originals onto a single sheet of paper, accelerating document production while reducing paper consumption.



50-sheet ADF

Why wait? With the 50-page Automatic Document Feeder (ADF), you can fax, copy, scan and email multi-page documents at the touch of a button and be on your way.

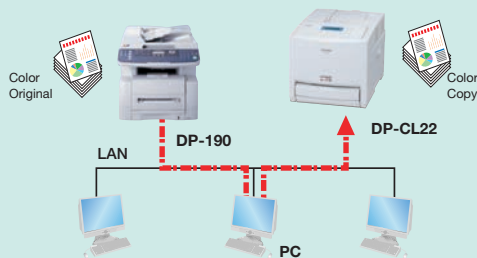


Remote Copy

When users press the Remote Copy key, the DP-190 automatically sends the scanned data through the PC to a pre-selected network printer. This allows users to easily make color copies of a color document when a color printer is connected to the LAN.



Remote Copy



Directory Search

The Directory Search feature allows you to enter multiple letters via the QWERTY keyboard. This is especially useful when you are looking for a name in a large database, such as an LDAP (Lightweight Directory Access Protocol) server*6 or the optional 1,000 station Auto-Dialer*7.

*6 Requires LDAP server on the network.

*7 Optional Hard Disk Drive Unit is required.



Security Solution

User Authentication*8

The DP-190 also supports network-based User Authentication in a Windows Server™ environment. Users must be authenticated before they can use the machine for copying, faxing and/or scanning. Additionally, the DP-190 also supports sending documents via a RightFax® Server*8,*9. The combination of User Authentication and your RightFax Server can help to prevent unauthorized fax transmissions.

*8 Requires Active Directory environment.

*9 Requires RightFax® Ver.8.0 or later.

Network Accounting Manager software*10

Panasonic's Network Accounting Manager software gathers the DP-190's copy, print, scan and fax history. This data is presented in an easy-to-use web-based interface. This data can be used to track cost as well as usage of the unit. This data can also be exported in CSV (comma-separated value) or XML (eXtensible Markup Language) format. When used in combination with the Job Tracking*8 function, the Network Accounting Manager lets you track faxes and scans including images of sent items!

*10 Optional Hard Disk Drive Unit and Image Memory are required.

User Friendly

Easy Front Operation

Everything is easily managed from the front of the unit: paper loading, fax, copy and printer output.

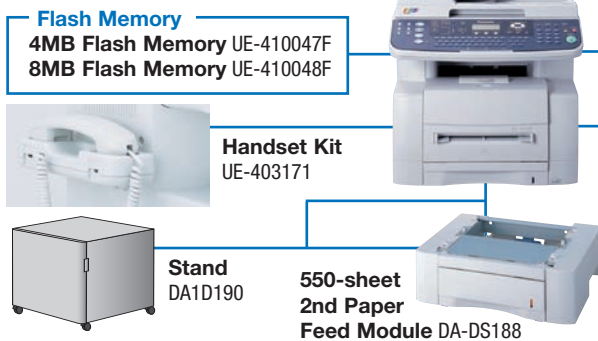


Extended Reliability

The Check & Call function automatically reports low toner status and certain mechanical problems to a service center while the Remote Diagnostic System enables expert technicians to quickly troubleshoot and provide solutions via a telephone line or the Internet.



Options



DP-190 Specifications

General Functions

Type	Desktop
Print Process	Laser Indirect Electrostatic
Developing Process	Dry Single Component
Automatic Document Feeder	50 sheets (Letter: 20 lb (75 g/m ²))
Paper Feed	Standard 250-sheet paper tray unit x 1 + 1-sheet bypass Maximum 800 sheets with option
Paper Weight	Paper Tray: 16 to 28 lb (60 to 105 g/m ²) Bypass: 16 to 44 lb (60 to 165 g/m ²)
Power Requirements	AC 120 V, 60 Hz
Power	Maximum Power: 900 W
Consumption	Power Saver Mode: Approximately 20 Wh Sleep Mode: Approximately 12 Wh
Dimensions (W x D x H)*1	18.2" x 19.9" x 20.6" (Excluding optional equipment) (462 mm x 506 mm x 523 mm)
Weight*1	Approximately 48.5 lb (Excluding optional equipment) (Approximately 22 kg)

Digital Copier Functions

First Copy Time	Approximately 10 seconds (Letter)
Resolution	600 x 600 dpi
Gray Scale	256 steps
Multi Copy Speed*2	Up to 19 cpm
Maximum Original Size	Letter, Legal*3
Copy Size	Letter/Legal/Invoice*4
Copy Ratio	Enlargement (fixed) 155%, 129% Reduction (fixed) 79%, 65%, 61%
Zoom (variable)	50% - 200% (in 1% increments)
Multiple Copy	1 to 999, Automatic reset to 1
Exposure Controller	Text, Text/Photo, Photo
Image Memory	Standard 16MB Optional 16 MB/64MB/128MB (Maximum 144MB)
for Sorting	Optional 12GB (with optional HDD)

Network Scanner Functions

Network Scanner Interface	Ethernet 10Base-T/100Base-TX
Scanning Size	Letter/Legal*3/Invoice
Scanning	Color: 75 x 75 dpi, 150 x 150 dpi, Resolution 300 x 300 dpi
Resolution	Black & White: 150 x 150 dpi, 300 x 300 dpi, 600 x 600 dpi
Scanning	Color: Approximately 11 seconds (Letter) Speed*5 Black & White: Approximately 2.7 seconds
Coding Scheme	Color: JPEG Black & White: JBIG/MMR/MR/MH
Data Format	Color: JPEG, PDF Black & White: TIFF, PDF

Network Printer Functions

Printer Interface	Ethernet 10Base-T/100Base-TX
Local Printer Interface	USB 1.1
Printer	Standard Panasonic Printing System for Windows®
Language	Option PCL 6 Emulation*6, Adobe® PostScript®3™*7
Printing Speed*2	Up to 19 ppm
Paper Size	Letter/Legal/Invoice*4, Envelope*4
Printing Resolution	1,200 dpi equivalent x 600 dpi (PCL, PS) 600 dpi x 600 dpi, 300 dpi x 300 dpi (GDI, PCL, PS)
Printer Memory	20MB
Compatible Client Operating Systems	Windows Vista™ (32 bit), Windows® XP/2000/98/Me, Windows Server®2003, Windows NT® 4.0 Mac OS 8.6 - 10.4 (PS only)*7
Compatible Network Operating Systems	Windows®2000, Windows Server®2003, Windows NT® 4.0, Unix (LPR), Linux (LPR), Novell 3.x/4.x/5.x/6.x

G3 Fax Functions

Compatibility	ITU-T Group 3, ECM
Modem Speed	33.6 kbps — 2.4k bps with automatic fallback
Coding Scheme	JBIG/MMR/MR/MH
Transmission Speed*8	Approximately 2.7 seconds
Scanning Speed*5	2.7 seconds (Letter portrait in Standard, Fine, SuperFine and 600 dpi mode)
Scanning	Standard: 203 dots/inch x 98 lines/inch (8 dots/mm x 3.85 lines/mm)
Resolution	Fine: 203 dots/inch x 196 lines/inch (8 dots/mm x 7.7 lines/mm)
Super Fine:	406 dots/inch x 391 lines/inch (16 dots/mm x 15.4 lines/mm)
600 dpi:	600 x 600 dpi
Effective Scanning Width	8.34" (212 mm)
Recording Resolution	Maximum 600 x 600 dpi
Standard Memory*9	2MB (approximately 120 pages)
Optional Memory*9	Base memory plus 4MB (320 pages)/ 8MB (640 pages)
No. of Auto Dialers	200 (Maximum 1,000 with optional HDD)

Scan-to-Email / Internet Fax Functions

Compatibility	IETF RFC 3965, ITU-T T.37
Communication Protocol	TCP/IP, SMTP, POP3, MIME, DHCP LDAP, SNMP/MIB
Network Connectivity	Ethernet 10BASE-T /100BASE-TX (IEEE802.3)
Data Format*10	TIFF-FX (Profile S/F/J), PDF, JPEG

Notes

- *1 Dimensions and weight are approximate.
- *2 Speeds are contingent upon applications, machine configuration, and status. Individual speeds may vary.
- *3 from ADF only.
- *4 Bypass only.
- *5 Scanning speed applies to the feeding process from the top to the end of a single page test chart. The time for the feeding process does not include the time that it takes for the top edge of the page to reach the scanning point and page ejection. Time for entire storing process is not applied.
- *6 PS/PCL Multi-Page Description Language Controller Module or PCL Printer Controller Module is required.
- *7 PS/PCL Multi-Page Description Language Controller Module is required.
- *8 Transmission time applies to memory transmission of text data using only ITU-T Image No.1 between the same models at maximum modem speed. Transmission time may vary in actual usage. Usually public telephone lines can only support communication speeds of 28.8 kbps or lower. Via PBX, transmission speed may fall back to a lower speed.
- *9 Based on ITU-T Image No.1 scanned in Standard resolution mode.
- *10 Internet Fax only supports TIFF-FX format.

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Dimensions



Panasonic

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ISO 9001 Quality Management System

Our business processes which produce document, information and network products, from manufacturing to marketing, conform to ISO 9001 Quality Management Systems standard. Design, development, manufacture, installation, repair and maintenance of document, information and network products, their associated devices and consumables. In addition, the plants outside Japan have acquired ISO 9001 certification.



As an ENERGY STAR® partner, Panasonic has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.